

Figure 1

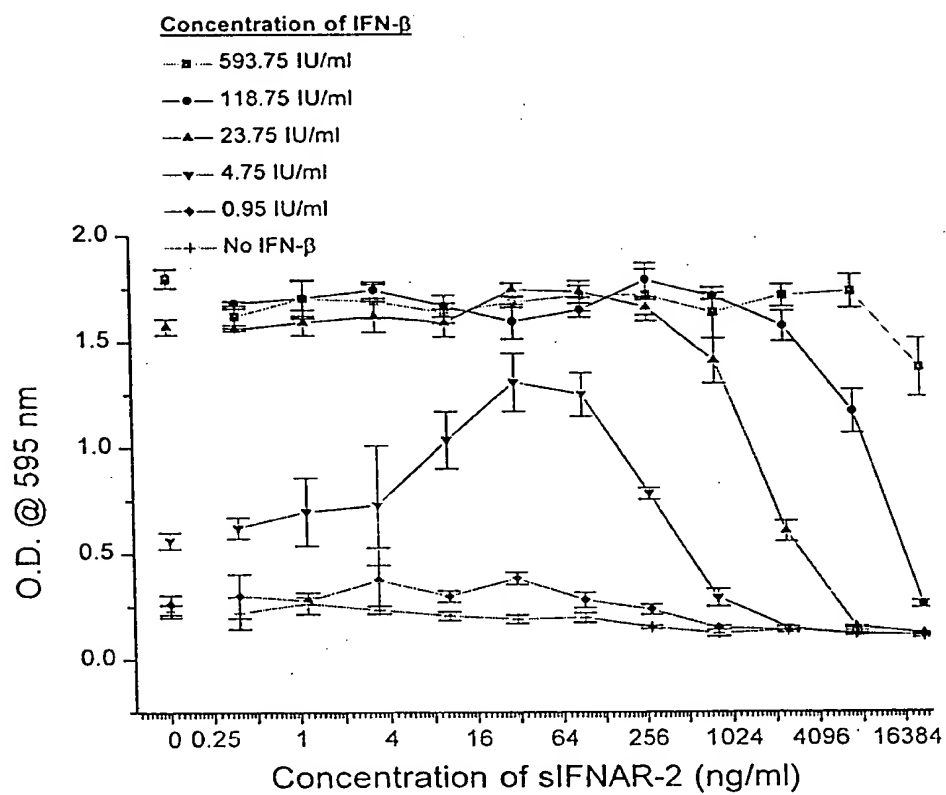


Figure 2

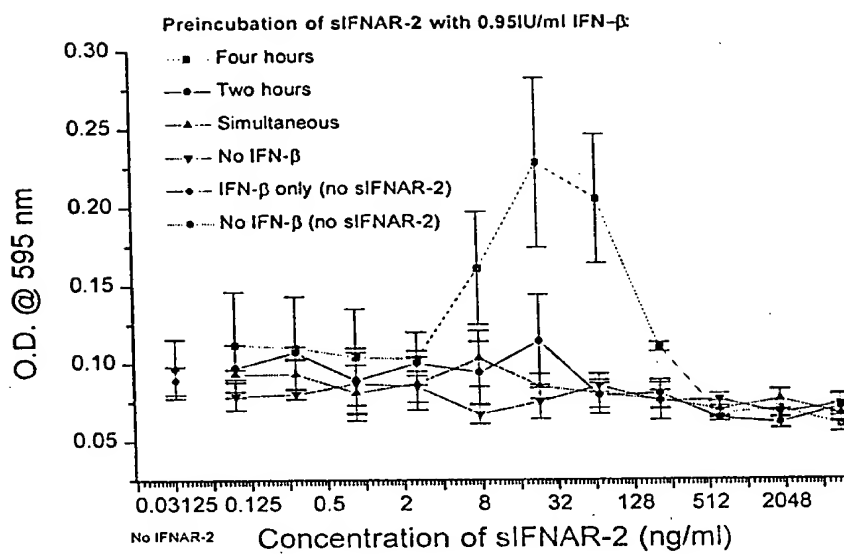
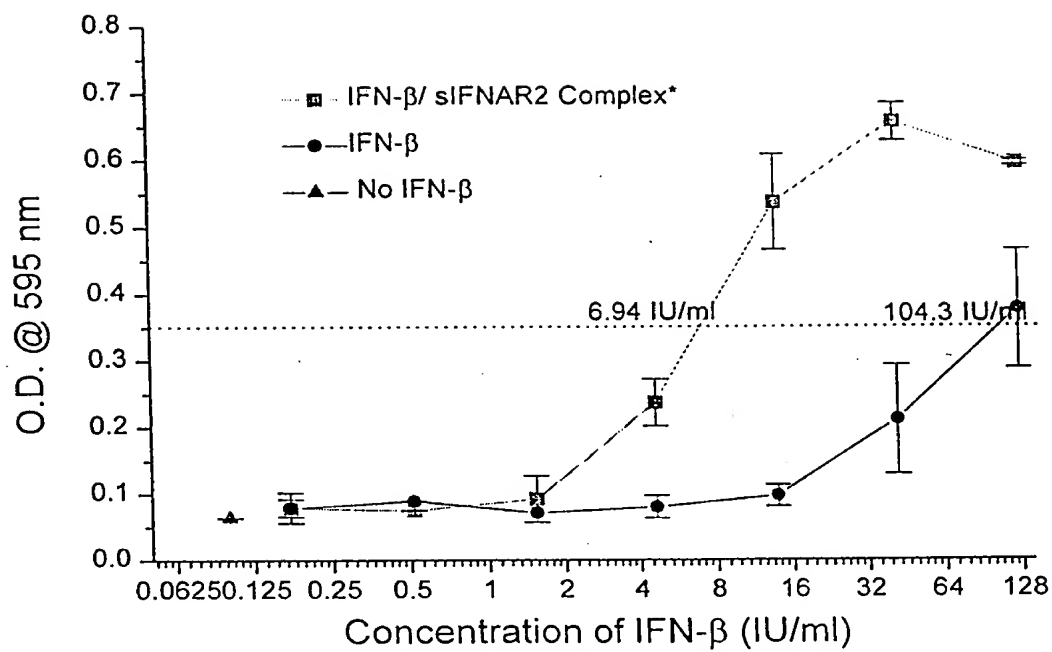


Figure 3



*Preincubation for 3 hours @ 37°C with ratio of 2.5 ng IFNAR-2/IU IFN-β

Figure 4

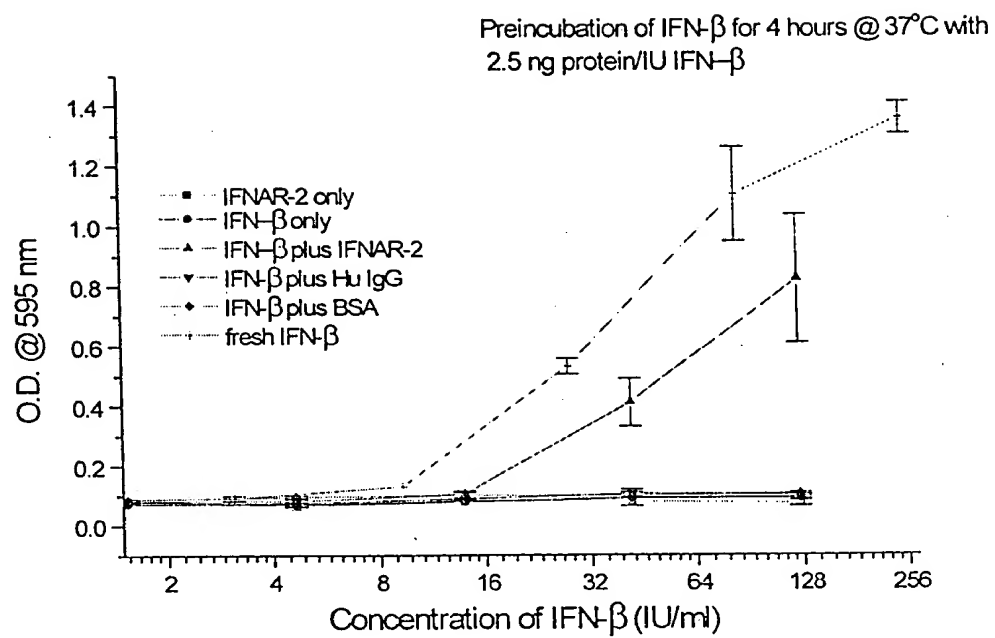


Figure 5

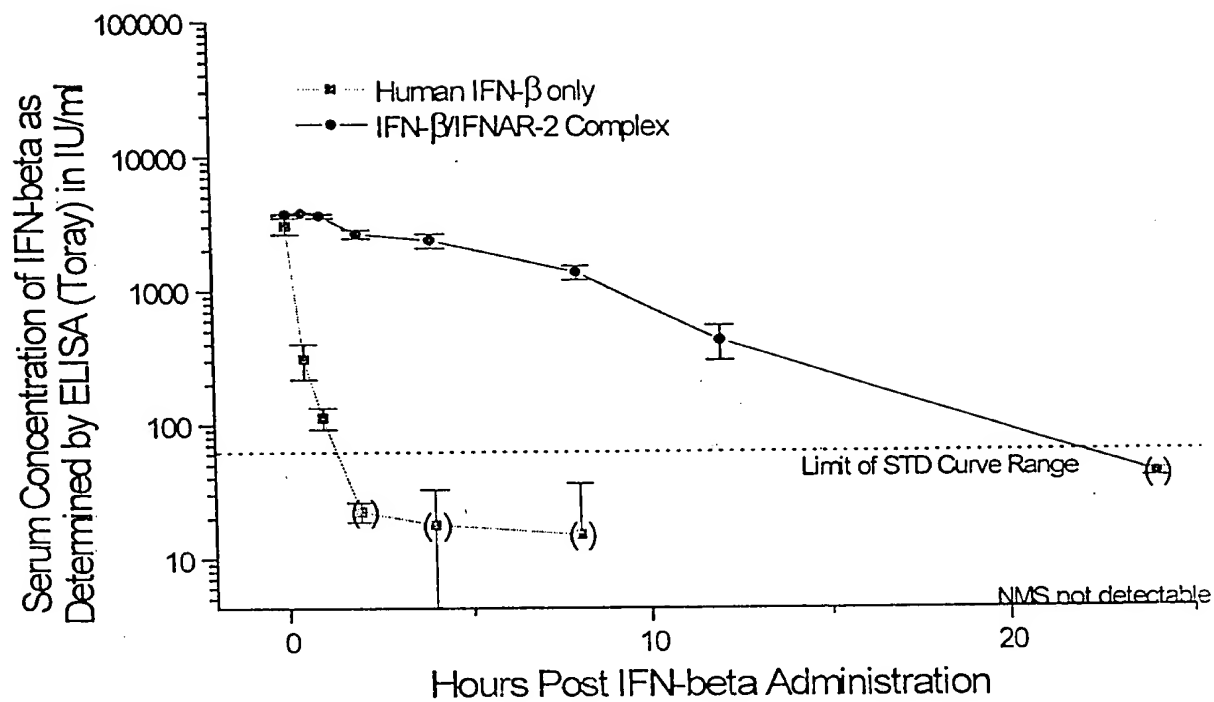


Figure 6

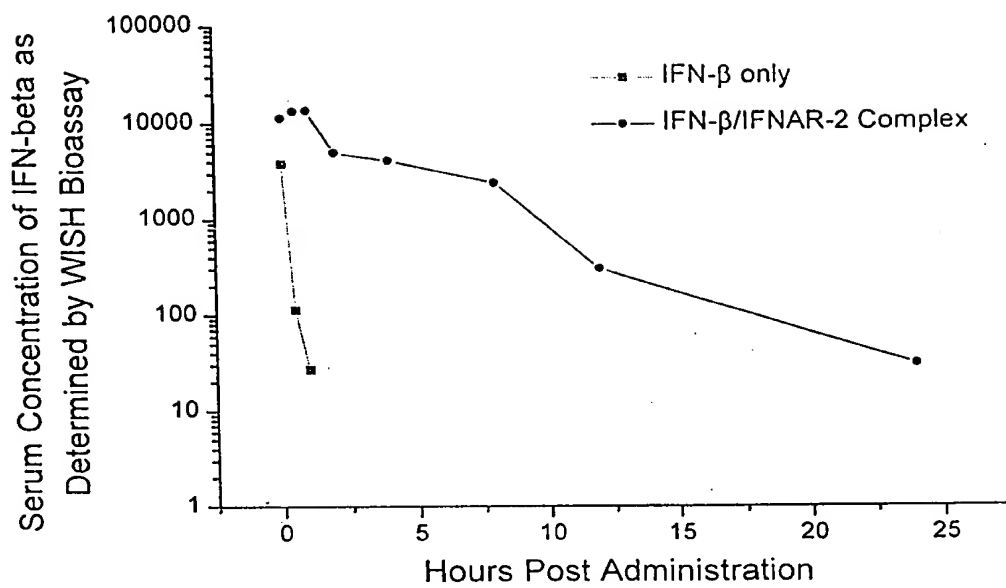


Figure 7

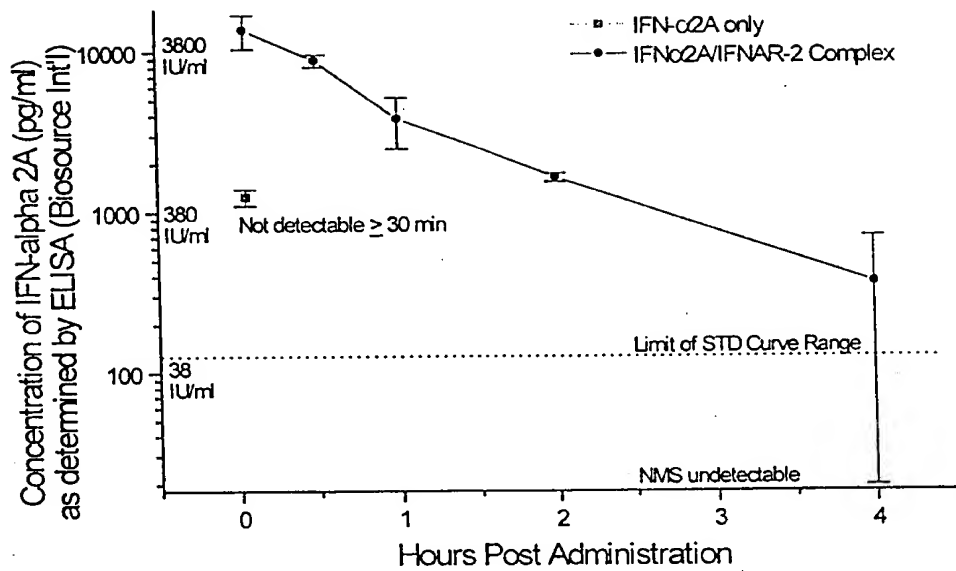


Figure 8

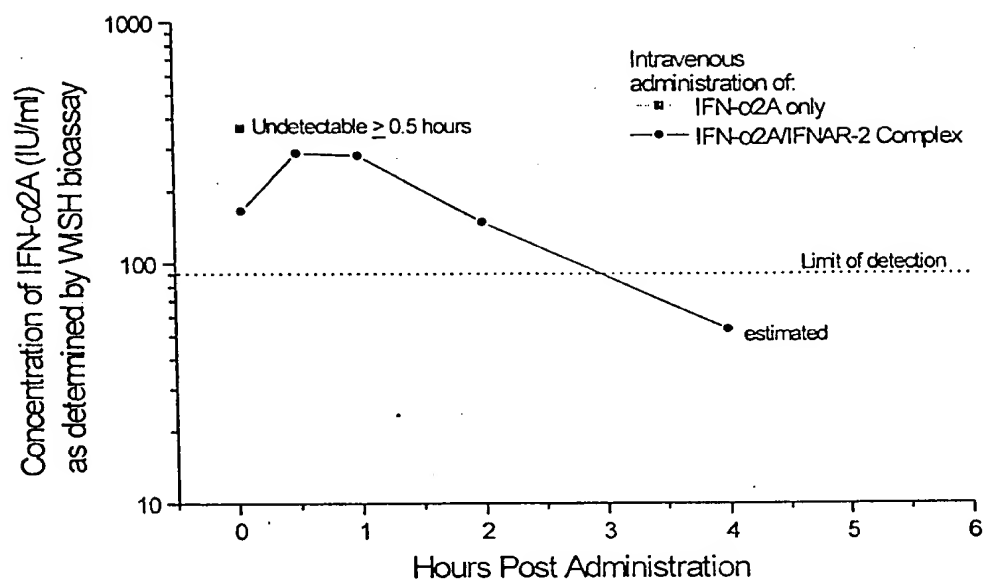


Figure 9

-29 Signal peptide 1 hIFNAR2
 MLLSQNAFIV RSLNLVLMVY ISLVFGISYD SPDYTDSCCT
 FKISLRNFRS
 22
 ILSWELKNHS IVPHTYTLTY TIMSKPEDLK VVKNCANTTR
 SFCDLTDEWR
 72
 STHEAYVTVL EGFSGNTTLF SCSHFWLAI DMSFEPPEFE
 IVGFTNHINV
 122
 MVKFPSIVEE ELQFDLSLVI EEQSEGIVKK HKPEIKGNMS
 GNFTYIIDKL
 172 210/211 GS linker
 IPNTNYCVSV YLEHSDEQAV IKSPLKCTLL PPGQESEFSG
GGGSGGGGSM
 221 hIFN β
 SYNLLGFLQR SSNFQCQKLL WQLNGRLEYC LKDRMNFDIP
 EEIKQLQQFQ
 272
 KEDAALTIYE MLQNIFAIFR QDSSSTGWNE TIVENLLANV
 YHQINHLKTV
 322
 LEEKLEKEDF TRGKLMSSLH LKRYYGRILH YLKAKEYSHC
 AWTIVRVEIL
 372 386
 RNFYFINRLT GYLRN

Amino Acids: -29- -1, signal sequence
 +1-210, human IFNAR2
 211-220, 2X Gly4Ser linker
 221-386, human IFN β

Figure 10

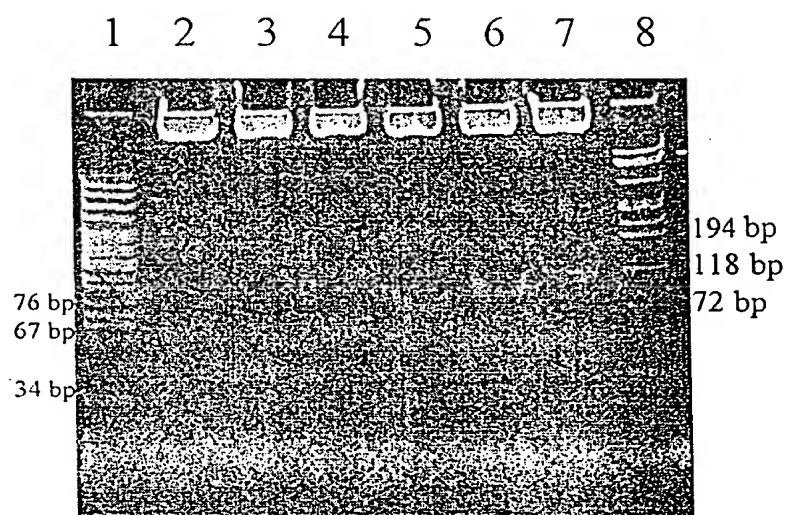


Figure 11

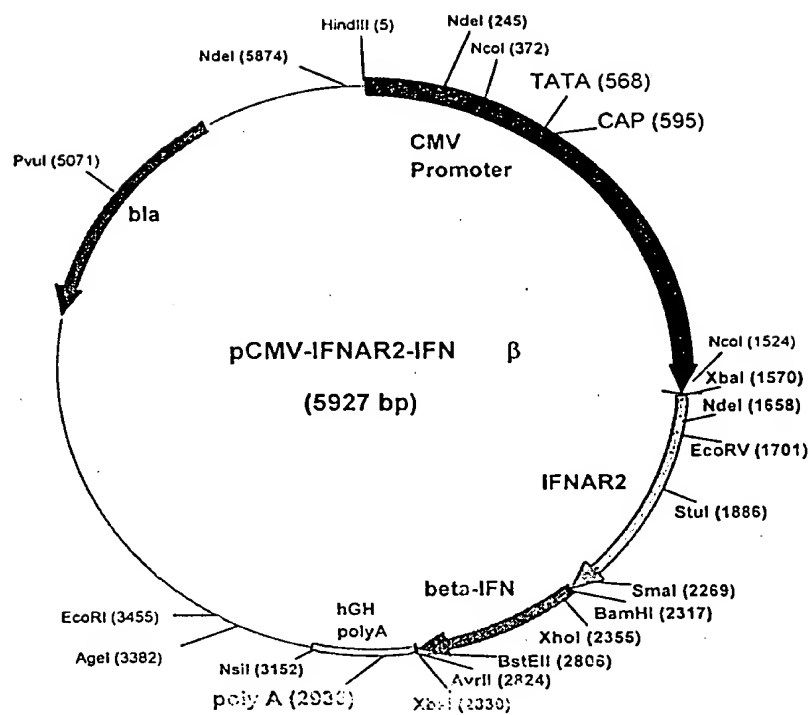


Figure 12

kDa

78→

49→

28→

19→

1 2 3 4 5 6 7 8 9

Figure 13.

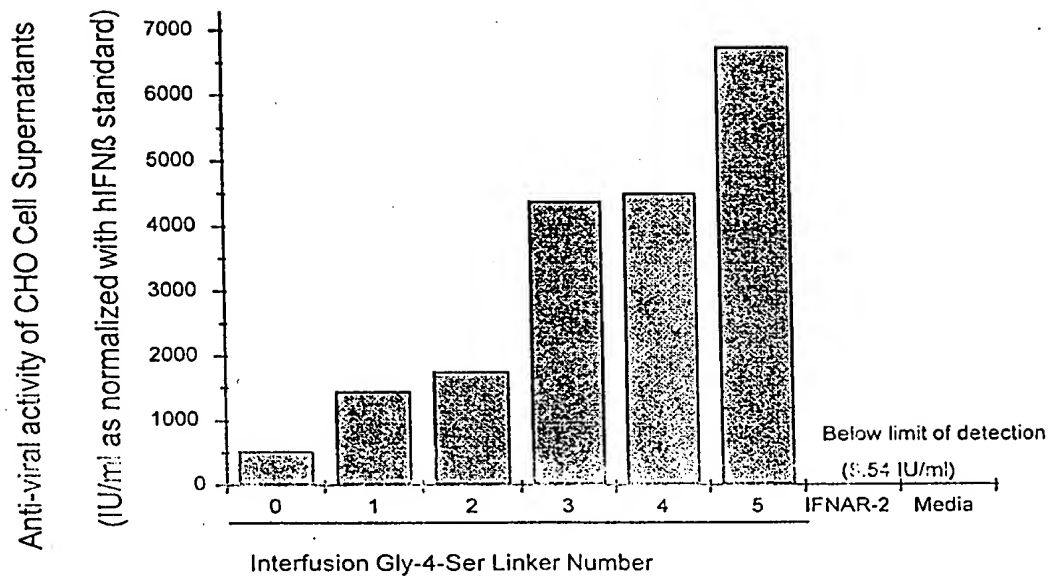


Figure 14

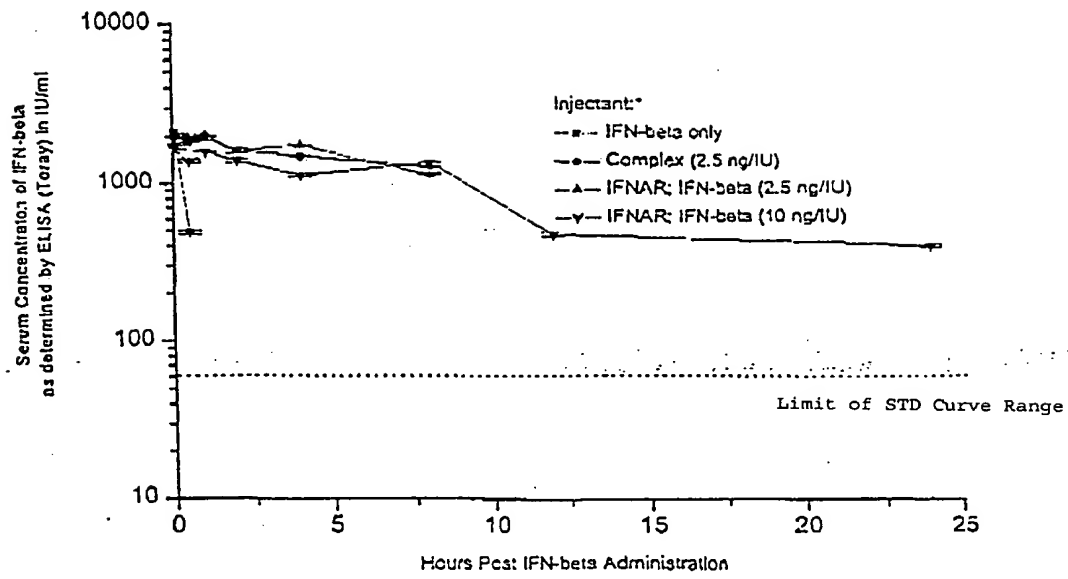


Figure 15A

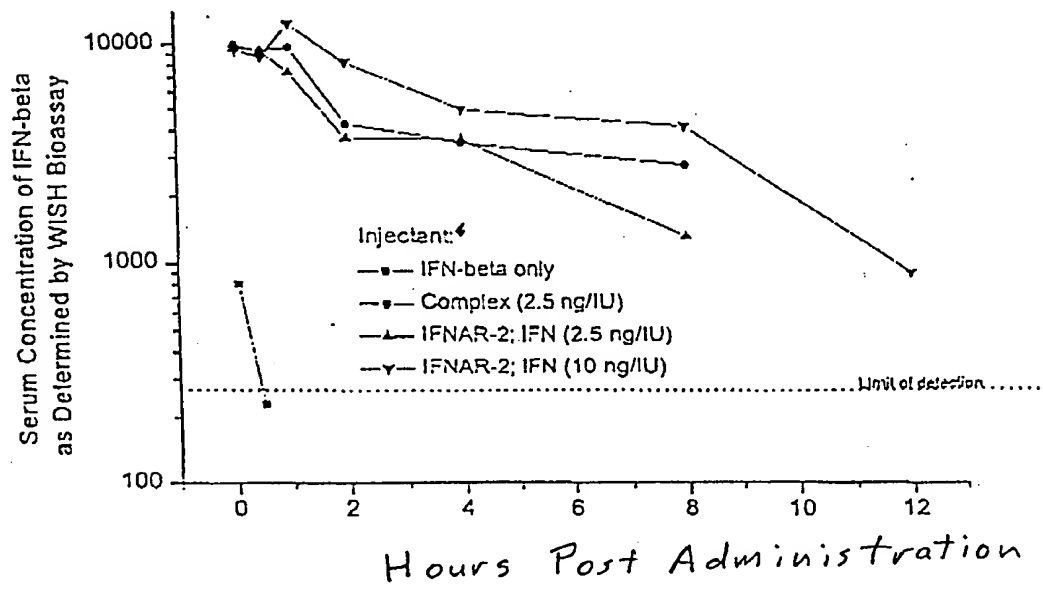


Figure 15B

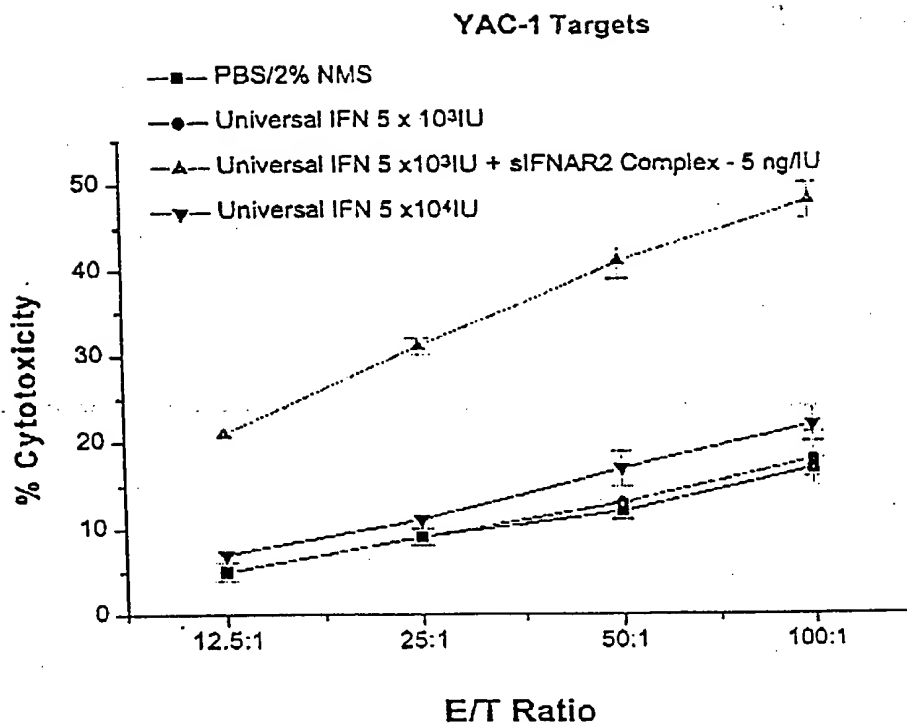


Figure 16

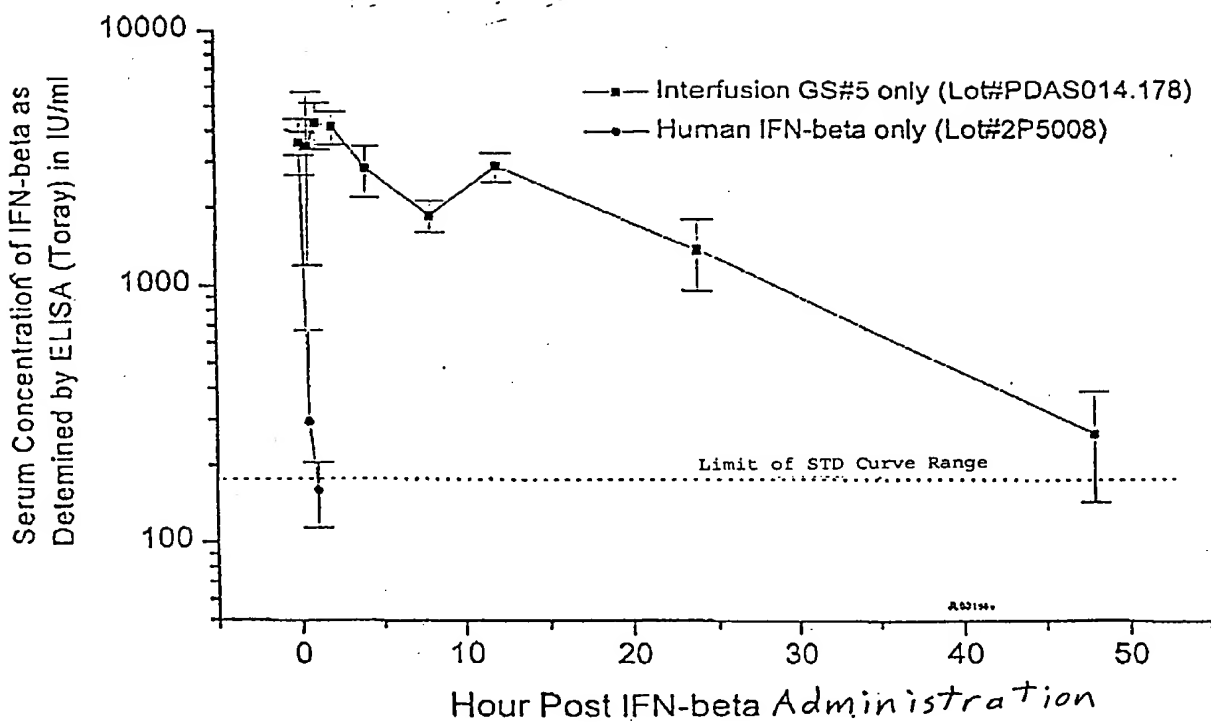


Figure 17